

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-089288
(43)Date of publication of application : 09.04.1996

(51)Int.Cl. C12Q 1/26

(21)Application number : 06-259002 (71)Applicant : NIPPON KAYAKU CO LTD
(22)Date of filing : 29.09.1994 (72)Inventor : KAWAHARA TOMOKO
MACHIDA REIKO
MASUDA MINORU
TAJIMA SHIGERU

(54) METHOD FOR DETERMINING COMPONENT IN SPECIMEN

(57)Abstract:

PURPOSE: To suppress interference of measurement caused by hemoglobin and to determine a component in a specimen in high accuracy by making an alkyl sulfonate to coexist in determining the component in the specimen by using oxidase.

CONSTITUTION: In determining a component such as 1,5-anhydroglucitol in a specimen such as a specimen derived from blood by using oxidase (preferably 0.01–0.1%, concentration), an alkyl sulfonate and an alkyl naphthalenesulfonate are made to coexist and the component in the specimen is determined.

LEGAL STATUS

[Date of request for examination] 25.01.2001

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3690754

[Date of registration] 24.06.2005

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

(19)日本国特許庁 (JP)

(12) 公開特許公報 (A)

(11)特許出願公開番号

特開平8-89288

(43)公開日 平成8年(1996)4月9日

(51)Int.Cl.⁶
C 12 Q 1/26

識別記号
府内整理番号
6807-4B

F I

技術表示箇所

審査請求 未請求 請求項の数3 FD (全7頁)

(21)出願番号 特願平6-259002

(22)出願日 平成6年(1994)9月29日

(71)出願人 000004086
日本化薬株式会社
東京都千代田区富士見1丁目11番2号
(72)発明者 河原 智子
群馬県伊勢崎市長沼町627-6
(72)発明者 町田 礼子
群馬県伊勢崎市山王町34-7
(72)発明者 増田 稔
埼玉県上尾市小敷谷845-1西上尾第1団
地2-3-504
(72)発明者 田島 茂
群馬県藤岡市藤岡675-11

(54)【発明の名称】 試料中の成分の定量法

(57)【要約】

【目的】ヘモグロビンによる影響を受けない試料中の成分の定量法を提供すること

【構成】血清等の試料中の成分(例えば1,5-アンヒドログルシトール)を酸化酵素を用いて定量する際に、アルキルスルfonyl酸塩及びアルキルナフタレンスルfonyl酸塩を共存させる。